

## ABSTRACT OF THE DISCLOSURE

The invention regards a recuperative heat exchanger for the exchange of heat between two media across a heat transferring wall. According to the invention the heat transferring wall is made from a shaped patterned sheet which is folded repeatedly to form a multi-layered package which is enclosed in a casing, so that the sheet, owing to its configuration, after folding forms a package of alternating flow channels with connecting ports for the two media at two opposite sides of the sheet package, said sheet being sealed against the casing at the bottom and the top of the package so that leakage between the two media is prevented. The invention also relates to a method of producing such a heat exchanger.